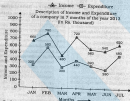


QUANTITATIVE APTITUDE

1. The speed of a boat in still water is 8 kmph and that of current is 3 kmph. The boat starts from point A and goes to point B and comes back to point A. It takes 12 hours during this journey. How far is point A from point B?

(1) 27 km (2) 33 km
(3) 30 km (4) 32 km
(5) None of these

Directions (3-7) : Study the following graph carefully and answer the given questions.



Profit = Income - Expenditure Loss = Expenditure - Income

$$\text{Percentage of Profit} = \left(\frac{\text{Profit}}{\text{Expenditure}} \right) \times 100$$

$$\text{Percentage of Loss} = \left(\frac{\text{Loss}}{\text{Expenditure}} \right) \times 100$$

3. By what approximate percent is the profit earned by the company in the month of February less than that earned in the month of January?
- (1) 32%
(2) 38%

(3) 43%
(4) 40%
(5) None of these

4. What is the difference between the total profit (in Rs. thousand) earned by the company in the months of February, April and July and

that earned in the months of January, March and June?

(1) 120 (2) 100
(3) 140 (4) 160
(5) None of these

5. What is the respective ratio between the percentage profit earned by the company in the months of February and May?
- (1) 33 : 50 (2) 21 : 30
(3) 18 : 50 (4) 17 : 25
(5) 23 : 47
6. What is the approximate expenditure of the company in the given months? (in Rs. thousand)

(1) 360 (2) 380
(3) 390 (4) 370
(5) 375

7. In how many months, the income of company was more than the average income during the given months?
- (1) 1 (2) 2
(3) 3 (4) 4
(5) None of these

8. The difference between the population of a city two consecutive years ago from today is 5000. If there is 10% increase in population per year from the previous year, what is the present population of the city?

(1) 60000 (2) 65000
(3) 68000 (4) 67000
(5) None of these

9. There was a sports exhibition in an auditorium. On the first day 34 persons visited the exhibition, on the second day 12 persons and on the third day only 10 persons visited the exhibition. The ratio of admission fees collected from each of them on these days was 2 : 3 : 5 respectively. If the total amount collected on these three days was Rs. 4500, what amount was collected on the first day?

(ii) Rs. 1160 (iii) Rs. 1140 (iv) Rs. 1200

(ii) None of these

18. 3 men can do a work in 10 days, 3 women can do the same work in 8 days and 10 children in 3 days. If all the men, women and children work together, in how many days will the work be completed?

(i) $\frac{28}{15}$ (ii) $\frac{24}{13}$ (iii) 4

(iv) 3 (v) None of these

Directions (11-18) : Study the following table carefully and answer the questions given below.

School	Subject						
	Total Students	English	Maths	Science	Social Science	Hindi	Computer Science
A	400	78	60	70	80	82	110
B	354	57	60	54	44	72	65
C	438	64	73	67	78	58	98
D	485	80	66	40	50	41	87
E	380	55	77	80	64	76	26
F	447	57	70	50	60	74	115

11. By approximately what per cent is the number of students studying English less than that studying mathematics in all schools taken together?
- (i) 12 (ii) 14
(iii) 18 (iv) 16
(v) 10
12. The respective ratio between the number of students studying Maths in schools A, C and D and that studying Social Science in schools B, D and F is
- (i) 180 : 104 (ii) 115 : 108
(iii) 118 : 108 (iv) 11 : 13
(v) None of these
13. By what percent is the number of students enrolled in Computer Science more than that enrolled in Hindi, taking all schools together?
- (i) 30 (ii) 22
(iii) 36 (iv) 30
(v) 32
14. By what per cent is the total number of students studying English, Maths and Science from school C less than that studying the same subjects from school D?
- (i) 11.4 (ii) 10.2
(iii) 11.45 (iv) 13.45
(v) 13.48
15. What is the average number of students who study Science and Social Science taking all schools together?
- (i) 60 (ii) 68
(iii) 66 (iv) 72
(v) 70
16. If the price of rice be decreased by 30% then by how much per cent should its consumption be reduced so that expenditure does not increase?
- (i) 37.5 (ii) 30
(iii) 32 (iv) 36
(v) None of these
17. A starts a business with an initial investment of Rs. 18000. After 4 months, B enters into the partnership with an investment of Rs. 24000. Again after two months C enters with an investment of Rs. 30000. If C receives Rs. 18400 in the profit at the end of the year, what is the total annual profit?
- (i) Rs. 6037 (ii) Rs. 6337

(i) Rs. 6037 (ii) Rs. 6337

(iii) None of these

Directions (18-22) : To answer the questions given below, study the following pie-chart and the table carefully.

Total production of nylon and cotton clothes by 6 companies A, B, C, D, E and F in the year 2013 = 60000

Percentage-wise Distribution



Company	Ratio of nylon and cotton clothes
A	7 : 5
B	3 : 7
C	5 : 3
D	5 : 3
E	4 : 3
F	5 : 3

18. What is the respective ratio between the number of nylon clothes manufactured by company A and that cotton clothes manufactured by company C?
- (i) 49 : 37 (ii) 37 : 49
(iii) 25 : 46 (iv) 48 : 35
(v) None of these
19. The difference between the average number of cotton clothes manufactured by companies A, C and E and that of cotton clothes manufactured by companies B, D and F is
- (i) 36 (ii) 38
(iii) 40 (iv) 42
(v) 45
20. By what per cent is the number of both types of clothes manufactured by company E more than that manufactured by company C?

- (A) 30 (B) 40
(C) 20 (D) 15
(E) 45

21. The ratio between the number of cotton clothes manufactured by company B and that of nylon clothes manufactured by company P is

- (A) 27 : 22 (B) 36 : 21
(C) 35 : 23 (D) 22 : 27
(E) None of these

22. The number of total cotton clothes manufactured by companies A, B and C is

- (A) 2000 (B) 3000
(C) 5000 (D) 6000
(E) None of these

Directions (23-27) : Study the following information carefully and answer the questions given below it.

In a school, A there are 660 students. The ratio of boys and girls is 8 : 5 respectively. Apples, oranges and bananas are distributed among them. 15% of boys get only apple, 12% of boys get only orange and 20% of boys get only banana. 7.5% of boys get only orange and apple, 13.25% of boys get only orange and banana and 20% of boys get only banana and apple. Remaining boys get all three fruits.

25% of girls get only apple, 18% girls get only orange and 12% of girls get only banana. 10% of girls get only orange and apple, 20% of girls get only orange and banana and 8% of girls get only banana and apple. Remaining girls get all three fruits.

23. How many boys get only one kind of fruit ?
(A) 172 (B) 182
(C) 142 (D) 152
(E) None of these
24. How many girls get only two kinds of fruits ?
(A) 114 (B) 104
(C) 94 (D) 130
(E) 100
25. How many students get fruits of all three kinds ?

- (A) 40 (B) 45
(C) 48 (D) 52
(E) 60

26. What is the ratio between the number of boys who get only orange and that of girls who get only apple ?

- (A) 7 : 11 (B) 6 : 13
(C) 5 : 11 (D) 7 : 9
(E) None of these

27. How many girls get only one kind of fruit ?

- (A) 136 (B) 146
(C) 162 (D) 156
(E) None of these

Directions (28-32) : Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

Give answer (1) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

Give answer (2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Give answer (3) if the data in statement I alone or in statement II alone are sufficient to answer the question.

Give answer (4) if the data in both the statements I and II together are not sufficient to answer the question.

Give answer (5) if the data in both the statements I and II together are necessary to answer the question.

28. How many students did participate in discussion ?
- The students who participate in dancing were 120% more than that who participated in discussion.
 - 150 students participated in dancing.

29. What is the speed of train ?
- The train crosses a signal post in 24 seconds.
 - The train is 250 metre long and it crosses 750 metre long platform in 59 seconds.
30. What will be the number of revolutions of a wheel of a train ?

- The diameter of the wheel is 140 cm.
- The train covers a distance of 880 meter.

31. Which person has the greater speed ?
- First person covers a distance of 240 km and his speed is 5 kmph.
 - Second person covers 40 km more than the first person and takes 5 hours more than that of the first person.

32. What is Ramesh's present age ?
- Ramesh is 3 years older than Suresh.
 - The ratio between the ages of Suresh and Ramesh is 4 : 5 respectively.

Directions (33-37) : In the following questions, two equations I and II have been given. You have to solve both equations and

- Give answer (1)**
- $x = y$
 - $x > y$
 - $x = y$
 - $x < y$
 - $x = y$ or the relation cannot be established.

33. I. $4x^2 + 25x + 20 = 0$
II. $6y^2 + 51y + 35 = 0$
34. I. $x^2 = 81$
II. $y^2 - 18y + 81 = 0$
35. I. $4x^2 + 20x + 21 = 0$
II. $2y^2 + 17y + 29 = 0$
36. I. $x^2 - 14x + 49 = 0$
II. $y^2 + 6 = 3y$
37. I. $24x^2 - 3x - 11 = 0$
II. $24y^2 + 23y + 9 = 0$

Directions (39-42) : What ap-

proximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value).

39. $6879 + 17.98 + 43.02 + 4.87 = ?$

- (1) 7386 (2) 7380
(3) 8000 (4) 7000
(5) None of these

40. $12,000 + 15,000 - 5,000 + 8,000 = ?$

- (1) 130 (2) 112
(3) 185 (4) 115
(5) None of these

41. $12,684 + 23,000 + 17,600 = ?$

- (1) 5480 (2) 5300
(3) 5440 (4) 5380
(5) None of these

42. $16,876 + 27,007 + 30,064 - 12,869 - 9,005 = ?$

- (1) 50 (2) 70
(3) 52 (4) 55
(5) 58

43. $18\% \text{ of } 650 + 27.5\% \text{ of } 820 = ?$

- (1) 234 (2) 280
(3) 225 (4) 230
(5) 250

Directions (43-48) : What will come in place of the question mark (?) in the following number series?

44. 2, 13, 7, 285, 87, 1767, 1803

- (1) 60 (2) 98
(3) 94 (4) 100
(5) 105

45. 5, 7, 38, 185, 308, 872, 2560

- (1) 32 (2) 14
(3) 35 (4) 15
(5) 30

46. 5, 32, 36, 9, 13, 22, 448

- (1) 50 (2) 55
(3) 54 (4) 60
(5) 65

Directions (49-50) : Study the given graph carefully to answer the questions that follow :

Number of people (in thousands) using three different types of mobile services over the years



49. What is the average number of people using mobile service M for all the years together?

- (1) $18\frac{1}{3}$ (2) $14\frac{1}{6}$
(3) $16\frac{2}{3}$ (4) $14\frac{1}{6}$
(5) None of these

50. The total number of people using all the three mobile services in the year 2007 is what per cent of the total number of people using all the three mobile services in the year 2008? (rounded off to two digits after decimal)

- (1) 84.72 (2) 83.56
(3) 85.14 (4) 81.87
(5) None of these

51. Number of people using mobile service N in the year 2006 forms approximately what per cent of the total number of people using all the three mobile services in that year?

- (1) 35 (2) 28
(3) 11 (4) 33
(5) 29

52. What is the respective ratio of number of people using mobile service L in the year 2005 to those using the same service in the year 2004?

- (1) 8 : 7 (2) 3 : 5
(3) 19 : 13 (4) 15 : 11
(5) None of these

53. What is the total number of people using mobile service M in the years 2004 and 2009 together?

- (1) 38,000 (2) 30,000
(3) 45,000 (4) 25,000
(5) None of these

GENERAL AWARENESS

54. What is the ceiling on amount of insured deposits kept by one person in different branches of a bank?

- (1) Rs. 20,000 (2) Rs. 25,000
(3) Rs. 50,000 (4) Rs. 1 lakh
(5) Rs. 2 lakh

55. 37 NATO tanks were recently destroyed by which terrorist group at Pakistan-Afghanistan border?

- (1) Russian Chechen terrorists
(2) Taliban
(3) Ukrainian separatists
(4) Al Qaeda
(5) None of these

56. As per the 2011 Census, which state of India has registered the highest increase in population in percentage terms?

- (1) Bihar
(2) Maharashtra
(3) Madhya Pradesh
(4) Haryana
(5) Chhattisgarh

57. Which of the following countries was paralysed the most by Typhoon Nogat, named after the South Korean Korean Dog?

- (1) Japan (2) Philippines
(3) South Korea
(4) Vietnam
(5) None of these

58. What is the percentage of female workers in our country as per the 2001 Census?

- (1) 16.4% (2) 38.7%
(3) 24.4% (4) 28.5%
(5) 27.5%

59. Who has authored 'Jinnah: India - Partition - Independence'?

- (1) Jawahar Singh
(2) Manoj Kumar Singh
(3) Shashi Tharoor
(4) Balram Chandra Mehta
(5) Ramachandra Guha

60. The Stratospheric Observatory for Infrared Astronomy (SOFIA) is a joint project of NASA and the Aerospace Center of

- (1) Japan (2) Germany
(3) Canada (4) Australia
(5) France
88. For how many months is the General Debt valid?
(1) 1 month (2) 3 months
(3) 6 months (4) 9 months
(5) 12 months
89. Which country won the Men's Football Gold Medal in the 2012 Olympics?
(1) Mexico (2) Brazil
(3) Spain (4) Argentina
(5) Germany
90. According to the Economic Survey, the growth rate of Indian economy in 2014 will be in the range of
(1) 4.4 - 5.2 %
(2) 5.0 - 6.0 %
(3) 5.5 - 6.5 %
(4) 6.75 - 7.75 %
(5) None of these
91. Barring high inflation, the savings rate in India has fallen to 50 percent of the GDP in 2012-13. In which year did it peak at 38 percent?
(1) 2000 (2) 2004
(3) 2006 (4) 2008
(5) 2010
92. Which of the following works have been done by Credit Information Companies?
(1) Advising government on credit related matters
(2) Collecting records of an individual's payments pertaining to loans
(3) Maintaining records of an individual's payments pertaining to credit cards
(4) Creating Credit Information Reports
(5) All of the above
93. Which company will launch 4G connection in India by 2015?
(1) Bharti Airtel
(2) Vodafone India
(3) Tata Indicom
(4) Reliance Jio
(5) BSNL
94. In which of the following sectors did Finance sector Minister Rajiv Mehta has defect?
- (1) The Tailor of Panama
(2) Harry Potter and the Prisoner of Azkaban
(3) Despicable Me
(4) The Woman in Black
(5) Harry Potter and the Goblet of Fire
95. What is the full form of AFMC which is related to the delisting of price of fruits and vegetables?
(1) Agricultural Produce Market Committee
(2) Apple Producers Market Council
(3) Agricultural Production & Marketing Committee
(4) Apple Production & Marketing Committee
(5) None of these
96. Which of the following terms is not related to banking sector?
(1) CRR (2) Liquidity
(3) Repo Rate
(4) Marginal Standing Facility
(5) All of these
97. Tshering Tobgay is the Prime Minister of
(1) Myanmar (2) Nepal
(3) Bhutan (4) Malaysia
(5) Vietnam
98. Which of the following is correct regarding Banking Ombudsman?
(1) He is appointed by Indian Bank Federation
(2) He is responsible for addressing customer complaints against deficiency in certain banking services
(3) He can receive and consider any complaint regarding Internet Banking
(4) Both 2 and 3
(5) All of the above
99. By which rate is the domestic interest rate of currency converted into Foreign Currency?
(1) Exchange Rate
(2) Bank Rate
(3) Mark Exchange Rate
(4) Repo Rate
(5) CRR
100. Who is the US Secretary of State to have visited India recently?
(1) Hillary Clinton
(2) Chuck Hagel
(3) John Kerry
(4) Susan Rice
(5) James McMaster
101. According to the 2011 Census, the population of India was 121 crores with a decadal growth rate of
(1) 9.82 % (2) 13.3 %
(3) 15.14 % (4) 17.44 %
(5) 20.57 %
102. Which among the following is/are Prospective Investors in Mutual Funds?
(1) Non-Banking Finance Companies
(2) Insurance Companies
(3) Provident Funds
(4) Foreign Institutional Investors (FIIs)
(5) All of the above
103. Which Cabinet Minister has proposed raising the ceiling of coal mines?
(1) Rajnath Singh
(2) Arun Jaitley
(3) Piyush Goyal
(4) Narendrabhai Prasad
(5) Shriam Sharma
104. Which of the following institutions is responsible for the supervision of RBI's?
(1) RBI
(2) SEBI
(3) NABARD
(4) Union Ministry of Finance
(5) Both 1 and 3
105. The scheme, titled 'Sagar Shakti Scheme for Employment of Adolescent Boys,' is better known as
(1) Swachh Bharat
(2) Sahakar
(3) Swachh
(4) Swachh Bharat
(5) Swachh Bharat
106. Which among the following states of India has the highest installed capacity of power?

- 11) Interac Pradesh
 12) Uttar Pradesh
 13) Maharashtra
 14) Gujarat
 15) Karnataka
77. Which of the following companies recently became the world's third largest employer of people in the technology sector?
 1) Intel
 2) Microsoft
 3) TCS
 4) IASL
 5) Infosys
78. Which of the following was the first credit rating agency of India?
 1) CIBIL
 2) Equifax
 3) CIBIL
 4) ICRA
 5) Experian
79. Which among the following is the second largest state in India?
 1) Undivided Andhra Pradesh
 2) Madhya Pradesh
 3) Rajasthan
 4) Uttar Pradesh
 5) Maharashtra
80. What is the maximum amount that can be remitted through RTGS?
 1) Unlimited
 2) \$3 lakh
 3) 1 crore
 4) 10 crore
 5) 25 crore
81. The word Pongal is made from two Persian words 'Pang' and 'Al'. 'Pang' means 'then' what does 'Al' mean?
 1) Land
 2) River
 3) Mountains
 4) Mountains
 5) Deserts
82. Union State whose house was targeted recently in the Chhat Minister of
 1) Assam
 2) Manipur
 3) Tripura
 4) Nagaland
 5) Mizoram
83. Why was Homi Bhabha's house in the recent news?
 1) It was auctioned for Rs. 375 crore
 2) The legal dispute over his house was won by Pakistan based relative of Homi Bhabha
 3) It was included in the tentative list of UNESCO World Heritage Site
 4) It was flooded and badly damaged in the flood basin in Mumbai
 5) None of these
84. Which company recently launched the cheapest and low-power 32-bit desktop?
 1) Apple
 2) Microsoft
 3) Samsung
 4) Toshiba
 5) Sony
85. Which of the following types of accounts are known as Thrift Account?
 1) Accounts which are Zero balance accounts
 2) Accounts which are opened to facilitate repayment of a loan taken from the bank. No other business can be conducted from there.
 3) Accounts in which shares of various companies are traded in electronic form
 4) Accounts which are operated through internet banking system
 5) None of these
86. Akshat Kumar recently won which award in Literature?
 1) Nobel Prize
 2) Pulitzer Prize
 3) Man Booker Award
 4) Sahitya Akademi Award
 5) Kennedy International Award
87. The geographically distributed area or zone where the economic laws are more liberal as compared to other parts of the country is called
 1) ECU
 2) REC
 3) AEC
 4) PTC
 5) None of these
88. In which of the fields is the Dronacharya Award given?
 1) Courage and Valor
 2) Literature
 3) Sports
 4) Teaching and Training
 5) Dance and Music
89. Nirula Sahasrabudh is presently serving as Minister of State for
 1) Ministry of Commerce & Industry
 2) Ministry of Finance and Corporate Affairs
 3) Ministry of Rural Development
 4) Ministry of Food and Civil Supplies
 5) Both 1 and 2
90. The 2014 Gandhi Peace Award was recently awarded to
 1) Chandra Prasad Bhanu
 2) Angila Merkel
 3) Kapendra Singh
 4) Madan Bhanu
 5) UNESCO
91. Which among the following is a major contribution of the Institute for Economic and Peace?
 1) Human Development Index
 2) Happiness Index
 3) Global Peace Index
 4) Global Corruption Index
 5) All of the above
92. As per the 2011 Census, which of the following states of India has the second highest literacy rate?
 1) Mizoram
 2) Tripura
 3) Goa
 4) Himachal Pradesh
 5) Kerala
93. Who was awarded the Galle Sachin Padma Award for 2017?
 1) Asha Bhoole
 2) Gaurav
 3) Poon
 4) A.R. Rahman
 5) Manoj Kumar
94. Mr. Lata Prasad Yadav recently joined hands with Nitish Kumar. Which political party is Mr. Nitish Kumar from?
 1) Samata Party
 2) Janata Dal
 3) Samajwadi Party
 4) Janata Dal United
 5) Bahujiya Janata Dal

93. Ethihad Airways recently acquired into its 50% equity share with JAL Airways. The share acquisition of 24 per cent stake in the latter. Ethihad Airways is based in
- Qatar
 - UAE
 - Abu Dhabi
 - Bahia Lumpur
 - Cairo
94. The largest shareholder of a nationalised bank is
- FDI
 - GOVERNMENT
 - INDIA
 - Government of India
 - PSU
95. Which of the following comes under the category of Development Banks?
- Industrial Development Bank
 - Agricultural Development Bank
 - Housing Development Bank
 - Export-Import Development Bank
 - All of the above
96. CRR ratio is the ratio of deposits in which accounts of a bank to the total deposits?
- Current accounts
 - Saving accounts
 - Recurring accounts
 - Both 1 and 2
 - Both 2 and 3
97. Which of the following restrictions apply for opening NRE-NRI by banks for individuals?
- Age
 - Income
 - Assets
 - Both 2 and 3
 - None of these
98. What among the following are not Non-Convertible Papers in India?
- Corporate
 - Primary dealers
 - All-India Financial Institutions
 - Both 1 and 2
 - All of the above